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PRODUCT CATALOG
2026 EDITION

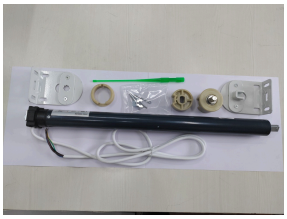
HIDDEN-DRIVE MOTORS

# Tubular Shutter Motors

Motors that hide inside the shutter roller tube — for aluminium roller shutters, window shutters, skylights, blinds, awnings and zip screens. Six models from 10 N·m to 550 N·m.

| 23–500 kg | IP44 | Class H |
|---|---|---|
| LIFT RANGE | PROTECTION | INSULATION |





MOTOR KIT



ALUMINIUM SHUTTER



WINDOW SHUTTER



SKYLIGHT SHADE

**Hidden** design • **Manual** override • **Safety-sensor** reversal • **Remote** & app ready

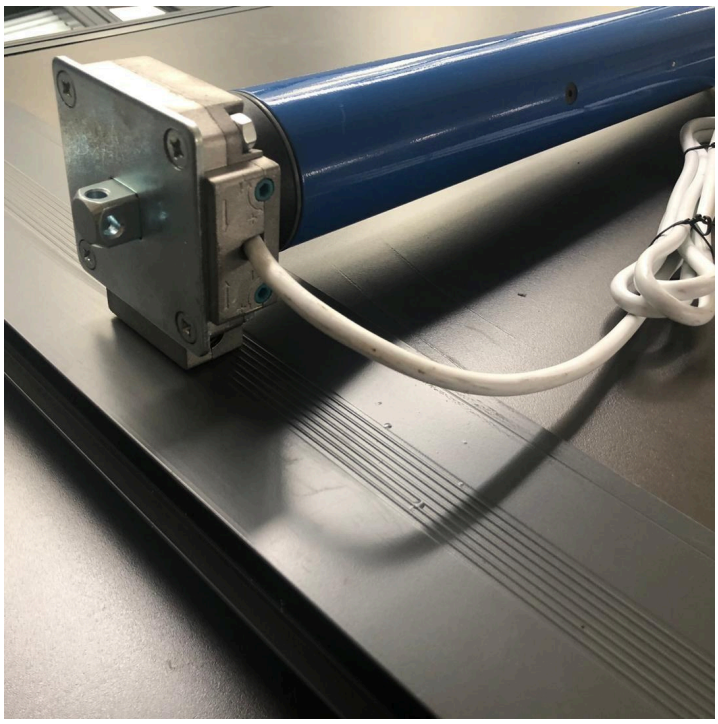
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TUBULAR MOTOR RANGE

# Six Models, One Idea

A tubular motor sits inside the roller tube, so it needs no space outside and installs quickly. Besides shutters it drives skylights, blinds, sunshades, awnings and zip screens.



**10–550**
N·M TORQUE

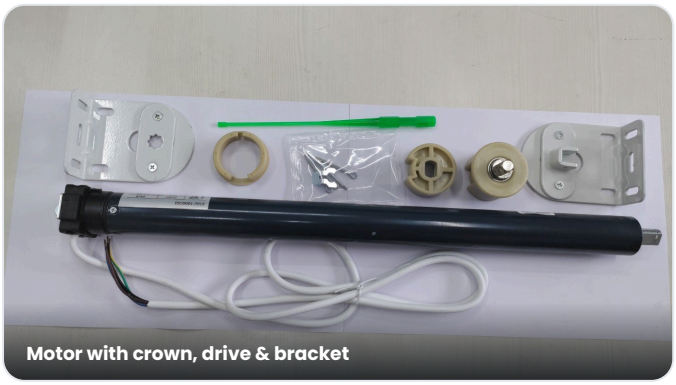
**35–92**
TUBE Ø MM

## 1.1 Technical Specification

| MODEL | SIE-TM10 | SIE-TM50 | SIE-TM140 | SIE-TM230 | SIE-TM350 | SIE-TM550 |
|---|---|---|---|---|---|---|
| **Lifting weight** | 23 kg | 55 kg | 110 kg | 200 kg | 300 kg | 500 kg |
| **Rated torque** | 10 N·m | 50 N·m | 140 N·m | 230 N·m | 350 N·m | 550 N·m |
| **Input power** | 115 W | 230 W | 295 W | 570 W | 670 W | 1020 W |
| **Tube diameter** | 35 mm | 45 mm | 59 mm | 92 mm | 92 mm | 92 mm |
| **Rated speed** | 15 rpm | 12 rpm | 9 rpm | 12 rpm | 6 rpm | 6 rpm |
| **Max height** | 2 m | 5 m | 5 m | 5 m | 5 m | 5 m |
| **No-load current** | 0.52 A | 1.15 A | 1.21 A | 2.59 A | 3.15 A | 4.30 A |
| **Max no. of turns** | 26 | 26 | 26 | 19 | 19 | 19 |
| **Max running time** | 4 min | 4 min | 4 min | 4 min | 4 min | 4 min |
| **Protection / insulation** | IP44 / H | IP44 / H | IP44 / H | IP44 / H | IP44 / H | IP44 / H |

All models 230 V AC. Choose by shutter / blind weight, then check the tube size.

## 1.2 Complete Motor Kits



Motor with crown, drive & bracket



Remote-control tubular kit

**SMALL FOOTPRINT · SMOOTH POWER** — Inner-tube installation strengthens the roll

### Hidden design
Motor inside the tube — nothing outside the shutter box.

### Stronger roll
Inner-tube installation adds rigidity.

### Efficient
Low consumption and no overheating problems.

### Manual override
Hand chain / crank in an emergency.

### Safety reversal
Photocell or safety edge for auto-reversal.

### Radar opening
Radar sensor opens the door automatically.

### Remote & app
Rolling-code remote, Wi-Fi app, timer.

### Built-in limits
Electronic or mechanical limit setting.

## 2.1 Where Tubular Motors Work

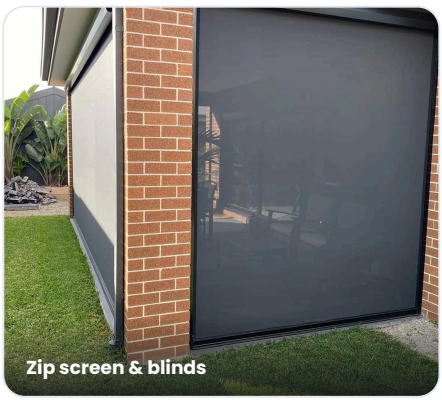

Aluminium roller shutter


Window shutter


Wood-finish shutter


Cabinet / kitchen shutter


Residential shutter


Zip screen & blinds

# Hidden power, clean design.

SIE tubular motors drive roller shutters, skylight shutters, blinds and zip screens. Ask our team to size the right motor for your opening.


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Specifications are indicative and may change without notice as part of continuous improvement. Product images are representative. Prices on the SIE price list; GST extra.


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